1965

# WATER SUPPLY OUTLOOK

# AND

# FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

# for

# MONTANA

SPECIAL SNOW SURVEYS
as of
June 15, 1965


Report Prepared

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The mountain snow pack was heavy in most areas of Montana throughout the 1965 season. Record or near record amounts of water were measured at many high elevation snow courses.

Snowmelt is later than normal over most of the state. In the southwestern part of the state, particularly on the Gallatin and Yellowstone headwaters, snow continued to increase its stored water at the higher elevations through June 1. As a result, measurements on some snow courses were maximum for the season on June 1.

Special surveys were made on June 15 to assess the amount of the remaining snow cover. Last year, special surveys were obtained on June 16-18 after a period of severe flooding.

# SNOW SURVEY DATA

**AS OF JUNE 15, 1965**

(Inches)

| SNOW COURSE | | | CURRENT DATA | | | PAST RECORD | |
|---|---|---|---|---|---|---|---|
| | | | DATE OF SURVEY | SNOW DEPTH | WATER CONTENT | WATER CONTENT | |
| NO. | NAME | ELEVATION | | | | LAST YEAR | AVERAGE |
| **COLUMBIA RIVER BASIN** | | | | | | | |
| Kootenai River | | | | | | | |
| 14A11 | Graves Creek | 4300 | 6/16 | 0 | 0.0 | - | - |
| 14A07 | Weasel Divide | 5450 | 6/16 | 6 | 3.1 | 5.0 | - |
| Flathead River | | | | | | | |
| 13B07 | North Fork Jocko | 6330 | 6/16 | 29 | 17.0 | 24.2 | - |
| Clark Fork River | | | | | | | |
| 13C13 | Black Pine | 7100 | 6/15 | 0 | 0.0 | 0.0 | - |
| 13C03 | Skalkaho Summit | 7260 | 6/15 | 11 | 6.0 | 8.6 | - |
| Bitterroot River | | | | | | | |
| 14C07 | Lost Horse | 5940 | 6/14 | 15 | 7.8 | 18.0 | - |
| 14C08 | Twin Lakes | 6510 | 6/14 | 37 | 20.0 | 27.4 | - |
| **MISSOURI RIVER BASIN** | | | | | | | |
| Gallatin River | | | | | | | |
| 10D14 | Arch Falls | 7350 | 6/15 | 13 | 6.4 | 1.1 | - |
| 10D15 | Bridger Bowl | 7250 | 6/15 | 25 | 14.1 | - | - |
| 10D04 | Devil's Slide | 8100 | 6/15 | 51 | 25.6 | 20.4 | - |
| 10D03 | Hood Meadow | 6600 | 6/15 | 0 | 0.0 | 0.0 | - |
| Missouri River (Main Stem) | | | | | | | |
| 10C01 | Kings Hill | 7500 | 6/14 | 19 | 8.9 | 1.6 | - |
| Judith River | | | | | | | |
| 10C06 | Spur Park | 8000 | 6/14 | 35 | 17.2 | 7.0 | - |
| Upper Yellowstone | | | | | | | |
| 9D01 | Camp Senia | 7890 | 6/14 | 0 | 0.0 | 0.0 | - |
| 9D04 | Timberline Creek | 8850 | 6/14 | 27 | 12.9 | 10.8 | - |

NOTE: ALL AVERAGES BASED ON 1948-1962 (15 YEAR PERIOD). *ADJUSTED AVERAGE